

Marks are indicated in brackets after each question number

2014 Paper 2 Question 9, (3)

Express $\frac{7}{x+5} - \frac{3}{x}$ $x \neq -5, x \neq 0$ as a single fraction in its simplest form.

2015 Paper 1 Question 12, (3)

Simplify $\frac{x^2 - 4x}{x^2 + x - 20}$.

2016 Paper 2 Question 13, (3)

Express

$$\frac{3}{x-2} + \frac{5}{x+1}, \quad x \neq 2, x \neq -1$$

as a single fraction in its simplest form.

2017 Paper 1 Question 11, (2)

Express $\frac{3}{a^2} - \frac{2}{a}$, $a \neq 0$, as a single fraction in its simplest form.

2017 Paper 2 Question 9, (1) (3)

(a) Factorise $4x^2 - 25$.

(b) Hence simplify $\frac{4x^2 - 25}{2x^2 - x - 10}$.